

**DEPARTMENT OF ENERGY  
DEPARTMENT OF ENERGY FIELD OFFICE, OAK RIDGE  
LABOR STANDARDS COMMITTEE CASE REPORT**

IDENTIFICATION No. 060611 (Work Order, Etc.)	LABOR STANDARDS CASE No. 01-0171
DATE 06/06/01	DATE REVIEWED 06/14/01
CONTRACTOR/LOCATION ORNL	PREVIOUS CASE
SUBJECT: ADVANCED MATERIALS CHARACTERIZATION LABORATORY (AMCL), \$3,485,000.00	

1. Davis-Bacon Act not applicable to participation by \_\_\_\_\_

The work or service is essentially:

- A. ☐ Estimated to cost \$2,000 or less [970.2273(a)(1)]
- B. ☐ Operational and maintenance activities or very closely and directly involved therewith [970.2273(a)(2)]
- C. ☐ Of a routine or recurring nature to preserve usefulness.
- D. ☒ Assembly, modification, installation, replacement, rearrangement, connection, etc., of machinery and equipment [970.2273(a)(3)]
- E. ☐ Experimental development of equipment processes and devices, including installation [970.2273(c)]
- F. ☐ Experimental work - Peaceful uses [970.2273(a)(3)]
- G. ☐ Emergency work - Fire, Flood, etc., and to restart operations [970.2273(a)(6)]
- H. ☐ Decontamination [970.2273(a)(7)]
- I. ☐ Demolition
- J. ☐ Burial of Contaminated Material [970.2273(a)(8)]
- K. ☒ Engineering (Item 4)
- L. ☐ Procurement
- M. ☒ Other Project Mgmt & Oversight (Item 4)

(Item 2 & Item 3)

2. A. \_\_\_\_\_ The Committee recommends that the Manager, DOE Field Office, Oak Ridge, determine that \_\_\_\_\_ participation includes work and service which involve material risk to continuity of operations, to life or property, or to DOE operating requirements [970.2273(a)(2)]

B. \_\_\_\_\_ The Manager, DOE Field Office, OR, hereby determines that participation does not include work and services which involve material risk to continuity of operations to life or property, or to DOE operating requirements.

\_\_\_\_\_  
Manager

\_\_\_\_\_  
Date

3.1 Davis-Bacon Act not applicable to contract with \_\_\_\_\_

The contract is essentially with or for:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>A. <input type="checkbox"/> \$2,500 or less</li> <li>B. <input type="checkbox"/> Supplies and Equipment</li> <li>C. <input type="checkbox"/> Servicing or maintenance [970.2210]</li> <li>D. <input type="checkbox"/> Performance outside USA</li> </ul> | <ul style="list-style-type: none"> <li>E. <input type="checkbox"/> Decontamination</li> <li>F. <input type="checkbox"/> Demolition</li> <li>G. <input type="checkbox"/> State or political subdivision</li> <li>H. <input type="checkbox"/> Railroad and RR employees</li> <li>I. <input type="checkbox"/> Other</li> </ul> |
|---|---|

3.2 Work determined to be non- construction, as indicated below; however, pursuant to Section 1804 of the National Energy Policy Act of 1992 (PL 102-486) the DBA will apply \_\_\_\_\_

The contract is essentially with or for:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>A. <input type="checkbox"/> \$2,500 or less</li> <li>B. <input type="checkbox"/> Supplies and Equipment</li> <li>C. <input type="checkbox"/> Servicing or maintenance [970.2210]</li> <li>D. <input type="checkbox"/> Performance outside USA</li> </ul> | <ul style="list-style-type: none"> <li>E. <input type="checkbox"/> Decontamination</li> <li>F. <input type="checkbox"/> Demolition</li> <li>G. <input type="checkbox"/> State or political subdivision</li> <li>H. <input type="checkbox"/> Railroad and RR employees</li> <li>I. <input type="checkbox"/> Other</li> </ul> |
|---|---|

4. Davis-Bacon Act applicable to contract with FPSC (Item 1)

The activity is essentially:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>A. <input checked="" type="checkbox"/> Construction, alteration, repair, including painting over \$2,000.</li> <li>B. <input type="checkbox"/> Installation involving substantial construction.</li> <li>D. <input type="checkbox"/> Other</li> </ul> | <ul style="list-style-type: none"> <li>C. <input type="checkbox"/> Demolition when indispensable and preliminary to scheduled new construction.</li> </ul> |
|--|--|

5. Other \_\_\_\_\_

\*Reference numbers in parenthesis denote subparts under Part 970 of DOE Acquisition Regulations.

OR-635(Rev.10/96)

**LABOR STANDARDS DETERMINATION**

**060611**

				L.S. NUMBER
TYPE OF FUNDS	CATEGORY	UT-Battelle COORDINATOR	PROGRAM	W.B.S. NUMBER
Capital	GPP	J. A. Mayo (576-4880)		
TITLE			ISSUE DATE	FINAL COST OBJECT
Advanced Materials Characterization Laboratory (AMCL)			06/06/01	

Project Scope:

Provide a laboratory facility to house the next generation transmission electron microscopes and other related electron microscopes and instruments. This scope includes relocating a 13.8kV electrical transmission line, designing the facility and constructing the facility. Installation of new research microscopes and relocation of existing research microscopes are not included in this scope of work.

The relocation of the transmission line requires close coordination with the HFIR restart activities and ORNL electrical requirements during upgrade activities.

Analysis of Labor Standards Supporting Proposed Method:

The construction of the laboratory is essentially construction costing over \$2,000 (4.A) – construction contractor.

Relocation of the high voltage electrical transmission line is work normally accomplished by Plant & Equipment Division personnel familiar with critical electrical systems maintained by the Operating Contractor. The line to be relocated is the primary electrical feed for HFIR and work activity scheduling is critical (3.2 C) – ORNL P&E.

Disconnection of services and final system tie-ins is a maintenance/operational activity (1.B) - ORNL P&E.

Project design and management (A-E and ORNL Engineering) is essentially Engineering. (1.K)

Proposed Method of Accomplishment:

An A-E under contract to ORNL Engineering will be responsible for providing the project design and will advise during project construction and checkout.

ORNL electrical linemen will be utilized to relocate the 13.8kV transmission line.

A construction contractor (FPSC) will be responsible for providing materials, equipment, and manpower to construct the AMCL.

Project design and construction management will be provided by ORNL Engineering.